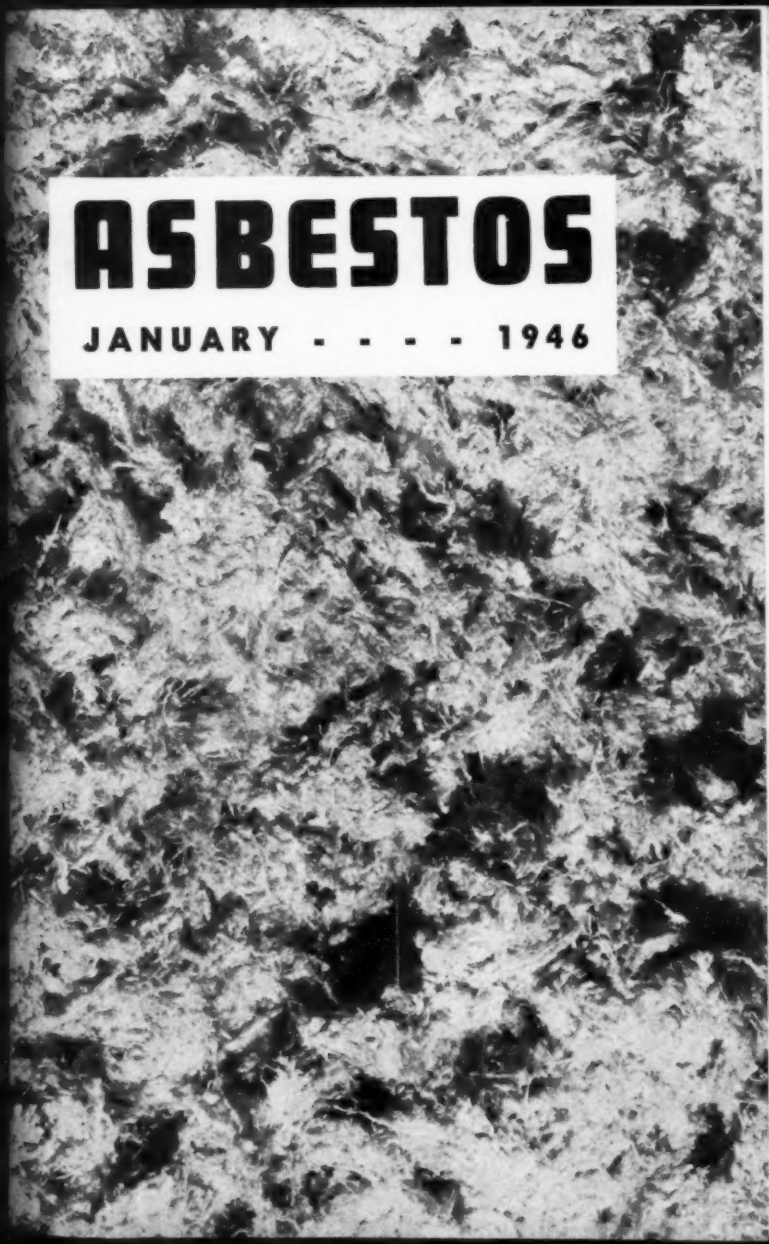
ASBESTOS
JANUARY - - - - 1946

ASBESTOS TEXTILES

RAYBESTOS-MANHATTAN SALUTES THE ASBESTOS TEXTILE INDUSTRY UPON ITS ACHIEVEMENT OF PRODUCTION DURING THE WAR YEARS. MAY IT PRODUCE SUBSTANTIALLY FOR PEACETIME REQUIREMENTS. THE **R-M** ORGANIZATION IS HAPPY TO PLEDGE AN ATTITUDE OF FAIR COMPETITION IN SUPPLYING INDUSTRIAL REQUIREMENTS WITH ITS WIDE LIST OF ASBESTOS PRODUCTS. MAY THIS YEAR AND THE ONES THAT FOLLOW PROVIDE HAPPY LIVING TO ALL WORKERS IN ASBESTOS.

RAYBESTOS-MANHATTAN, INC.

INDUSTRIAL SALES DIVISION

FACTORIES

BRIDGEPORT, CONN. NO. CHARLESTON, S. C.
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"ASBESTOS"

FOUNDED IN JULY 1919 AND PUBLISHED
MONTHLY SINCE THAT DATE

BY SECRETARIAL SERVICE
17th FLOOR INQUIRER BUILDING
PHILADELPHIA, 30, PENNSYLVANIA

Estate of C. J. STOVER, *Proprietor*
A. S. ROSSITER, *Editor*
E. E. COX, *Circulation Manager*

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LOOKING FORWARD

What a different outlook this year from last!

Here is a clean, white page on which to write the record for 1946; what will the record be?

Not blood and sweat and tears, but faith, enthusiasm and progress.

We can begin the new year with thankful hearts. True there are many problems to be solved, many obstacles to overcome, many hard days to face, but the thought that the world for the most part is at peace gives us courage to tackle all of them calmly, even with enthusiasm.

The Asbestos Industry has important work to do in the rehabilitation of the world—in the supplying of building materials for houses and homes so badly needed everywhere; in the modernization of buildings; in the giving of fire protection.

Comfort and pleasure and protection—the industry can give them all—will give them all in 1946. Those are only a few of the facts that will be written on the pages of 1946; service is another, and progress.

New products, new uses for old products, new processes; all of these are being planned. We hope that "ASBESTOS" will be allowed to record the important happenings month by month.

Your side of it is to see that we are informed; our side is to be of service to you.

Therefore while your slogan for the New Year may well be PROGRESS; ours is, as it has always been—SERVICE.

How may we serve you best?

FOR THE NEW YEAR:

In thought, faith;
In word, wisdom;
In deed, courage;
In life, service.

GREETINGS TO READERS

By Executives in the Industry

Today, as we cast off the tensions and anxieties of the war years, each of us as individuals and all of us as members of the Asbestos Industry are, I know, turning with infinite relief to the inspiring task of helping to create a happier and more permanently prosperous America.

It is true, of course, that the current reconversion period has developed some knotty problems. But whatever difficulties may lie ahead, I am confident that the Asbestos Industry will be found doing its full share toward getting the nation's economic ship back on an even keel.

In that spirit, I wish to say a sincere "thank you" for the friendliness and mutual understanding which marked our relations during 1945, and to extend to all in our industry heartiest good wishes for the New Year.

Herbert Abraham, President, The Ruberoid Co.

• • • —

Thru the courtesy of "ASBESTOS" we extend hearty greetings and best wishes to everyone engaged in the Asbestos Industry.

The year 1945 saw the end of World War II with the armed forces of the United Nations triumphant on all battlefields, supported by the miracle of industrial production. In its wake there lies a wartorn, weary world with the peoples of all nations, including our own, seeking a new solution for freedom. The year 1946 brings with it an enormous potential demand for the products of industry. Let us hope that the right kind of leadership will be forthcoming to assist in the solution of the grave problems facing us today and that the New Year will bring with it a fuller realization of the age-old axiom that freedom, happiness and prosperity for the individual, the community and the nation can only come from hard work, clear thinking, tolerance and a willingness to assume responsibility.

Ernest Muehleck, President
Keasbey & Mattison Company.

Someone once said "Civilization must save itself by the way it earns and distributes its bread."

World-wide war has come to an end after nearly a decade. In its stead, in our midst, we have industrial strife and ill-will. Industry is faced with problems involving the earning and distribution of bread.

The economic processes and the social order which came into being fifteen years ago, and which were accelerated by the war, have now reached a stage to challenge the wisdom and best thinking of industrial management—but there are no hopeless situations; there are only men who have grown hopeless about them. I have every confidence that we will come out of our present discontent with a better understanding between labor and management and with both parties having a clearer conception of their responsibilities.

While the first quarter of 1946 may be somewhat discouraging, from then on, believe we will experience an unpredented production to satisfy the huge pent-up demand for all kinds of materials.

After half a century of experience in industrial life, I can still get some solace from the following brief quotation, which I pass along to my friends and to your readers, "God grant me the serenity to accept those things I cannot change, the courage to change those which I can, and the wisdom to know the difference."

S. Simpson, President,
Raybestos-Manhattan, Inc.

. . . —

It is a pleasure to extend New Year Greetings to the readers of "ASBESTOS" and the members of the Asbestos Industry.

Our southern market apparently has gone wild on the subject of siding shingles, and it looks as tho the construction trade will consume anything it is practical for the three southern asbestos-cement plants to make in the next few years. Best wishes to all for 1946.

Clifford F. Favrot,
R. J. Dorn Company.

Ever say to a building... "let's get tough!"

Careystone Corrugated Asbestos Cement Roofing and Siding make a building really tough—but quick! No wear-out to it. The first cost is low and it's the last. No periodic maintenance required.

Careystone is in service on hangars, chemical plants, railroad buildings, foundries, factories and warehouses . . . and on buildings exposed to the corrosive effect of salt air. It's a "natural" where atmospheric conditions are rough on buildings.

Strategically located stocks of the broad Carey Line provide service regardless of job location.

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Asphalt Tile Flooring • Pipeline Felt • Expansion Joint • Asbestos Wall Board
Corrugated Asbestos Roofing and Siding • Miami-Carey Bathroom Cabinets and Accessories

We begin the New Year deeply grateful to the men and women in the military services and on the "home front", whose devotion to duty made possible the defeat of Germany and Japan. In this period of transition, industry as a whole, must meet the challenge of providing more jobs. If we are to be successful, sales must "out-produce" production.

All thru the war we marveled at the miracle wrought by the production organization of American industries. It took the urgency of war to bring about the production miracle. If we must have an urgency to produce a similar selling miracle—we do not have far to look. The job of keeping America industrially healthy is a serious responsibility.

Sixty million jobs are said to be our goal—that's full employment. Whether sixty million jobs or something less is obtained, the important thing is that jobs must be had for all who are able and willing to work.

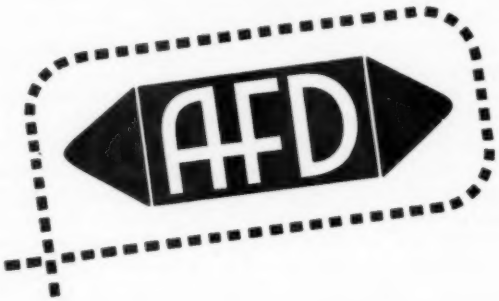
Thru improvement in our present Asbestos products, and constant research to discover new ways in which asbestos may serve mankind, the United States Rubber Company expects to do its part in meeting the challenge of providing more jobs within the asbestos textile industry.

Herbert E. Smith, President
United States Rubber Company

. . . —

It is a privilege to have the opportunity of sending greetings to our Asbestos friends in the United States, especially since the exigencies of war have prevented us from maintaining the personal and visual contacts, which gave us so much pleasure and encouragement in times of peace. Never have we felt more strongly than now, the necessity of real understanding and friendship between the practical business men of our two countries, and it is our hope that those in the Asbestos Industry may give a lead to all others, in progressiveness, breadth of view and collaboration.

P. E. Coombes, Secretary,
The Cape Asbestos Company, Limited.



Asbestos Fibre Distributors

Through the untiring efforts of the research scientists, there are now a thousand and one uses for the rare properties with which nature has endowed her magic mineral . . . asbestos. Supplying the proper asbestos fibre for every specific use has long been the specialty of Asbestos Fibre Distributors. If you would like samples, prices or further information, address:

ASBESTOS FIBRE DISTRIBUTORS

Division of Johns-Manville Sales Corp.

22 EAST 40th ST. NEW YORK, N. Y.

For the first time since 1941 our country enters a new year at peace. It is appropriate, therefore, as we extend the Season's Greetings, to take new stock of conditions that exist in our industry as we prepare for the tremendous job that lies ahead.

In the shift from a wartime to a peacetime economy we must rededicate ourselves to fundamental principles which have brought American industry to world leadership. We must get back to sound thinking and basic economics which, of necessity, had to be suspended in large part during the war. The methods which were followed in the war emergency produced the necessary results, but they were extremely costly and they seem to have destroyed among large groups of our people an appreciation of true values. If industry is to lead the way and make its full contribution to the future security and well being of the American people our first responsibility is to strive for the reestablishment of principles which will bring our nation into economic balance.

To achieve this, tolerance and common sense must prevail so that American industry and labor can work in harmony toward the goal of real production and a high level of employment, mutually agreeing that capital must have a fair wage, that higher wages result from the use of more and better tools which lower unit costs of production, and that only by adhering to such principles can we give to the consumer more value for less money. This is the real road to a higher standard of living.

At this time I want to take the opportunity to extend personally and on behalf of Johns-Manville the Season's Greetings to all in the asbestos industry.

Lewis H. Brown, President
Johns-Manville Corporation

. . . —

We are pleased to extend thru "ASBESTOS" our greetings to the men and women of the Asbestos Industry for a Happy New Year. We rejoice with them that the Dawn of Peace has arrived and that we can now bend our efforts towards the restoration of peacetime activities.

J. H. Watters, President
Union Asbestos & Rubber Company

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ASBESTOS-CEMENT WALLBOARDS
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KEASBEY & MATTISON COMPANY, AMBLER, PENNA.

With Victory won, with our Country again at peace and with the return each day of men and women who left our plants and offices to serve their country, it is an especial pleasure this year to extend greetings to all members of the Asbestos Industry.

Our industry, too, has received its honorable discharge. As we prepare to assume again our place in the civilian economy, I am sure that all of us can take quiet pride in our industry's wartime performance.

While the problems that lie ahead may be no less difficult than those of war, the opportunities and the inherent talents within the industry plus the unity and cordial relationships that have existed over so many years cannot mean other than a bright future for us all.

R. S. King, President,
The Philip Carey Mfg. Company.

. . . —

The year 1945 was a momentous one for our Industry. At its outset we were engaged in war on a world-wide scale; at its close we were at peace and already facing the problems which, inevitably, had to follow the end of hostilities after six long years of strife.

It has been a successful year for asbestos fibre producers. Already there has been a change-over from war contracts to civilian business, and it has witnessed a very heavy demand, particularly from liberated European countries for asbestos-cement fibres to be used in products destined for reconstruction works.

The year which we are just entering promises to be a busy one and one in which we hope our industry will contribute substantially to the solution of the problems which confront business the world over.

May I take this opportunity of extending thru your columns the greetings of Asbestos Corporation Limited to you and to the asbestos industry as a whole.

R. W. Steele, President,
Asbestos Corporation Limited.

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Vermont for perfect ski-ing and... *Asbestos*

• Ideal slopes and snow, modern ski lifts, scenic beauty, good "eats"—all make Vermont a skier's paradise.

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The RUBEROID Co.

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Sales Office: 500 Fifth Ave., New York 18

It is with pleasure we have this privilege to give expression to our feelings to the Asbestos Industry.

Our hope has been realized insofar as the termination of hostilities and wishing for a future peace, in which we are all very much interested.

Norristown extends to the Asbestos Industry their appreciation for the part the Industry has taken in the furnishing of material things to accomplish this end.

We are all planning for the future, and I am sure that the Asbestos Industry will plan wisely, as they always have, for the peaceful times that lie before us.

A. K. Burgstresser, Vice President,
Norristown Magnesia & Asbestos Co.

. . . —

"Well, it's over now". Unfortunately, that expression is lulling many people into a feeling of satisfaction and comfort. What with strikes and indecision in Washington and frustration of the people's desires in legislation by certain lobbies, it may be the struggle for true freedom at home is only beginning.

The New Deal philosophy that the government is obligated to take care of everybody's troubles has unfortunately taken hold in the minds of many citizens. That is the reason so many people find $20.00 a week as unemployment compensation more attractive than $40.00 a week at a production job.

The problems in business management are still with us, if not just as acute. The public is now catching up with much that has gone on behind the scenes. I said last year, which I repeat again this year-end:

"We (business) are enjoying public good-will and support because of the fine production results of workers and management in the war effort. Let's not ruin it by too rosy promises. Let's leave promises to the politicians.

"There are plenty of good jobs for good Americans when we again decide to *go to work*.

There are many new developments increasing the use of asbestos textiles and other products. The formation of

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the Asbestos Textile Institute and new vigorous management in the Brake Lining Manufacturers Association are fine signs of the progressive attitude of this Industry.

My congratulations and best wishes for the year 1946.

Fred Schluter, President,
Thermoid Company

CYPRUS

Not since before the war have we had any report on the Asbestos Mines in Cyprus. Follows a report, printed ver batim, from U. S. Mineral Trade Notes of October 20, 1945 issue.

Asbestos, which occurs in numerous cross-fibre veins in serpentine, is worked at Amiandos, Cyprus, by the Tunnel Asbestos Cement Co., Ltd. About 100 tons of rock are mined by means of compressed air drills and shovels to produce 1 ton of finished fibre. Hand selection is practiced before the crude ore is passed to the mill, where the following grades are produced: No. 3; S; Short; FF8; and P50. The fibre is non-spinning grade. The finished fibre is transported by means of an 18-½ mile ropeway to the port of Limassol for shipping.

The normal production at the mine—which, owing to climatic conditions, works only 6 months in a year—is about 10,000 tons of finished fibre per annum, with a peak of 19,000 tons in 1938. The largest exports were made to Britain, the United States, and Denmark, with smaller tonnages to Eire, Sweden, India, Yugoslavia, Siam and South America, for use chiefly in the manufacture of asbestos-cement goods.

F. o.b. prices ranged from £24. 15s. for No. 3 grade to £10. 9s. 6d. for shorts. Employees under normal conditions totaled 2,400.

Present output is about half the prewar rate because of shortage of labor and depleted stocks of operating supplies. When supplies become available, it is the intention to increase production to 11,000 metric tons per annum. When last quoted, stocks stood at 4,000 tons of finished fibre.

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AT LAST!—THE OUTSIDE DIAMETER OF EACH SIZE OF PIPE COVERING IS MADE TO FIT EXACTLY INSIDE ANOTHER STANDARD PIPE COVERING SIZE!

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ASBESTOS SHEET FILTRATION[1]

By C. V. Krause,
Pacific Coast Manager, Hercules Filter Corp.

The use of filters and filter sheets insures the highest degree of perfection obtainable in the removal of suspended matter from wine. Asbestos filter sheets not only remove suspended particles which are visible to the naked eye; they also remove particles of a submicron or colloidal nature so finely divided that they are invisible even under the ultra microscope.

In the manufacture of good asbestos sheets, a flexible control permits the creation of filter sheets with a wide range of porosity. This makes possible the separation of the larger particles from the most minute ones, even those heretofore regarded as unfilterable—the submicron and the colloidal. Filter sheets are, in fact, ultra-filters. Their flow rate is well above other filter sheets, such as the membrane types, and they are commercially adaptable to large volumes and produce extremely economical yields.

The wide porosity range of selected filter sheets permits their application to any filtering problem—from extremely fine filtration for "finishing" the wine, to the removal of turbid matter in large quantities.

Asbestos filter sheets can easily be used in conjunction with filter aids such as fibrous asbestos or diatomaceous earths. The sheets make an excellent backing for such materials and at the same time they eliminate the need to recirculate the filter aids themselves. This latter action is normally essential for the formation of an initial filter coat (precoat). Good asbestos filter sheets create an effluent which is immediately clear.

It requires only the simplest operation to load any filter with asbestos sheets and their removal is equally simple. The sheets are merely placed between the filter screens which are clamped together. The time-wasting operation of inserting cloths into a filter, such as a filter press, is wholly eliminated. Nor is there the washing or cake-forming that goes with pulp filters.

[1]Reprinted from October 1945 number of "Wines & Vines"

ASBESTOS

ASBESTOS CORPORATION LIMITED

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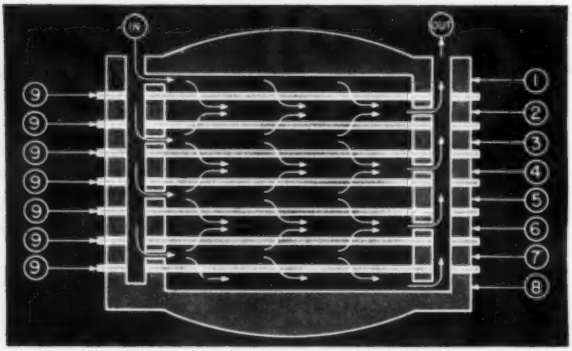

Multiple Sheet Flow Diagram of one of the Hercules Filter Corp. Sheet Filters.

The factor of cleanliness in operation is self-evident. The sheets act as a highly efficient seal between the accurately milled screens. The washing of filter media is eliminated as the sheets are not used again after removal from the machine at completion of a filter cycle.

Even tho asbestos sheets are used but once, low cost per gallon of filtration is effected. The sheets cost so little that it is actually cheaper to replace used sheets with new ones than to go thru the long process of reclaiming them. The same set of sheets can be used to filter various grades of the same wine. This is another economy of operation, and it is accomplished by blowing the sheets dry with air between the various changes. This permits a high flow rate to be maintained in a large filter, even when filtering various small batches. In this type of operation, the filter does not have to be reset. The wine absorbed by the wet sheet is negligible. The yield of a set of asbestos sheets often can be increased merely by reversing the flow in the filter and washing the residue from the face of the media.

When a wine contains fine organic matter (which tends to clog any filtering media very rapidly) the use of filter aids such as diatomaceous earth is recommmended to keep the sheets in a porous condition. Such an agent can

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Lansdale, Penna.

be added continously to the unfiltered liquid or added directly to the storage tank before the filtering starts. A porous sludge layer is then formed on the sheet, permitting the liquid to flow steadily thru the filter sheet. High yields can thus be obtained even in difficult cases, and the filtration cost can be held within economical limits.

The viscosity of the wine determines the flow rate while the amount and nature of the turbid matter governs the yield to exhaustion. For accurate data, laboratory tests must be made in each individual case.

It is usual to use only two to three pounds of pressure at the start of filtration. Then, when clogging action begins, the pressure must be raised in order to maintain the flow rate. Low pressure filtration affords the greatest yield in gallons to exhaustion. Since the delicate pores of the sheets tend to clog and block themselves under high pressures, initial high pressures (forced filtration due to inadequate filter surface) greatly lowers the normal yield to exhaustion.

• • • —

A. S. T. M. Committee D-9 on Electrical Insulating Materials, has prepared a special compilation of the more than 75 widely used specifications and test methods, including specifications for Asbestos Yarns, Tape and Roving. In addition to the standards developed by the committee, there are others included pertaining to certain plastics, rubber, textiles and paper products. Complete with a detailed subject index this 560 page publication can be obtained from A. S. T. M. Headquarters, 260 S. Broad St., Philadelphia, 2, Pa., at $3.25 per copy.

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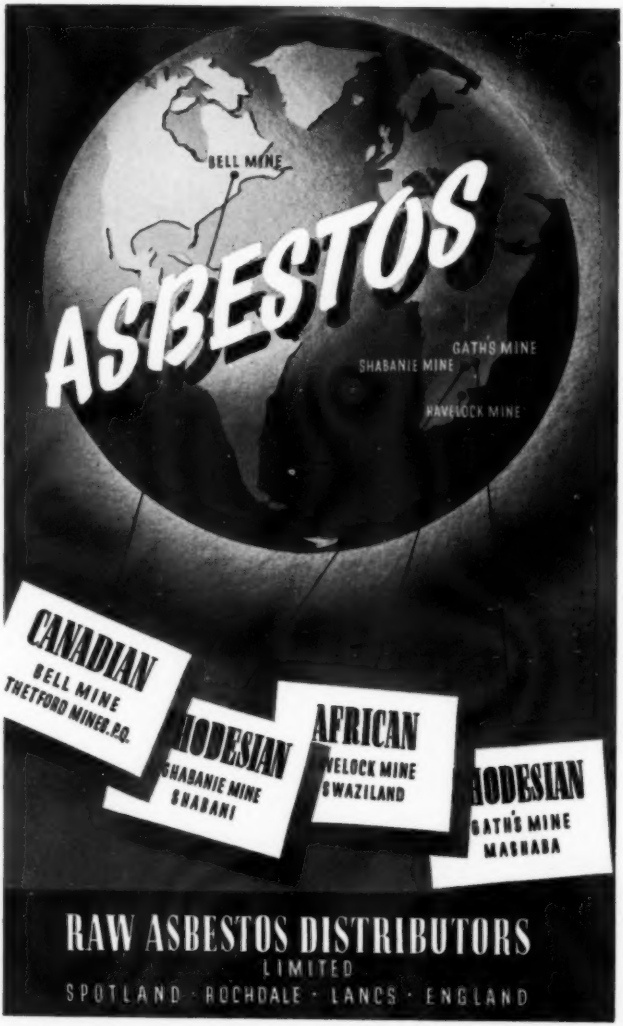
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SOLDIERS WITHOUT

Brave men, faithful beasts, start precious A

No bugles summon them to action. No glamour attends their grim parade. Yet these soldiers of production match the deeds of men in uniform, fighting their unsung battles in remote parts of the world. Beset by dust and burning heat, along treacherous mountain roads, brave bullock convoys haul the newly-mined Asbestos from the deep heart of South Africa to the nearest railheads. Thence by rail to the sea . . . then by boat through storm-whipped seas.

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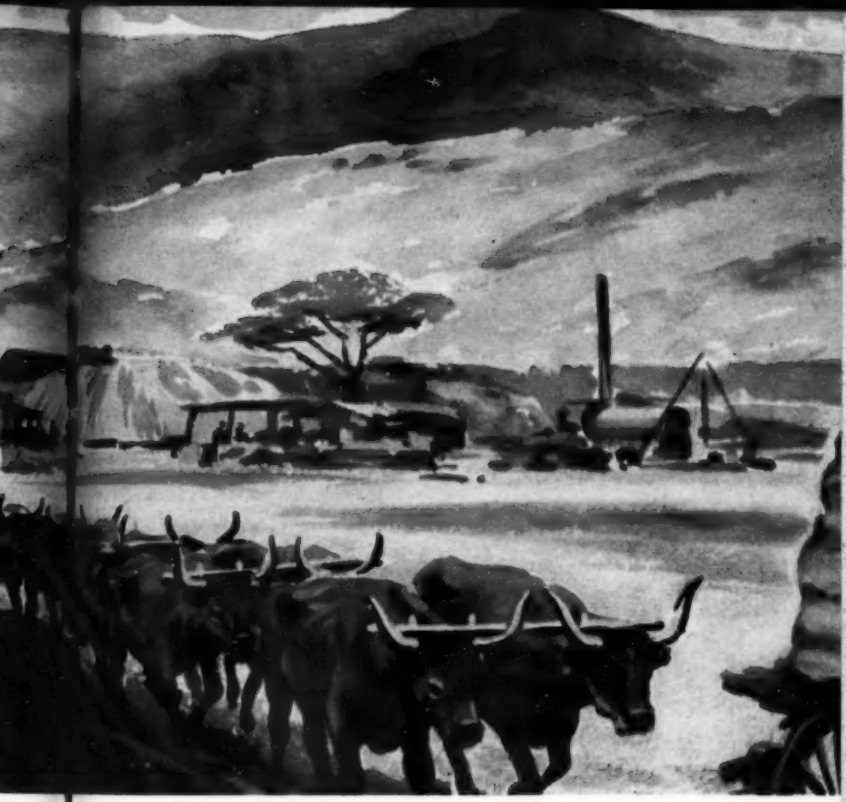

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MARKET CONDITIONS

GENERAL BUSINESS

On the whole various students of the Nation's economy seem to agree that while strikes and other factors, may retard production, and reconversion to the manufacture of peacetime goods, the outlook is for great activity during 1946, and great demand. There is plenty of buying power; unemployment has not risen to the figures prophesied.

Of the four main industries in this country—food, construction, clothing and automobiles, construction interests the Asbestos Industry more than the other three. And there is no doubt that the construction industry is ready to go ahead at full speed if not retarded by lack of manpower or materials. In this connection read Mr. Herbert Abraham's comments on the potential market of the building industry, on page 31 of this issue.

ASBESTOS-RAW MATERIAL

The demand for asbestos crudes and fibres is increasing rather rapidly, and it seems to be quite definite that there will be a shortage of crudes and of grades Nos. 4 and 5 during 1946. This is caused by world manufacturers attempting to buy not only fibre for their manufacturing requirements for 1946, but also sufficient fibre to build a stock.

The general opinion seems to be that fibre prices will not increase during the first quarter of 1946.

ASBESTOS - MANUFACTURED GOODS

Textiles. Indications point to an excellent market in asbestos textiles in 1946. While the great decline in war requirements naturally caused a decline in demand for asbestos textiles, the Industry has nevertheless felt an upward swing in the textiles needed in producing civilian items and there is reason to believe that the textile manufacturers will enjoy a far better than normal sales volume during this year.

The manufacturers of Heater Cord wire are placing

"It is expected", he says, "that there will be a large amount of rehabilitation of industrial plants with considerable new power plant construction taking place. And, nice orders for rovings and they expect to continue to do so all thru the year.

The requirements of the Laminated Plastic Manufacturers are increasing, as are the needs of the Safety Clothing Manufacturers. All in all the outlook is good.

Brake Lining. No particular change in this market from that reported last month. The market continues to look very promising provided the labor situation becomes unsnarled.

Asbestos Paper. This market is active compared with normal conditions. Expectations are that 1946 will require about the same volume as a satisfactory pre-war year. No new demands seem to have yet developed. Increased costs make lower prices unlikely; prices at present are reported as firm.

Asbestos Millboard. Demand for Millboard in the past few months has been only fair, with prices reasonably firm. This is probably because postwar building and industrial activity has been slow in starting, thus delaying Millboard demand. Business in both commercial and equipment markets is slow. There is reported some increase in demand recently and this growing demand may carry thru the first half of 1946.

Insulation. High Pressure. "This market continues active" says one of our correspondents, "as industrial repair and maintenance calls for a good volume. Manufacturers should find 1946 volume sufficient to keep plants up to full production."

Another correspondent explains the reason for this: of course, there will be the general maintenance work which should be heavier than in the past few years. An unusually heavy demand is also expected from the foreign countries which should also help to keep this industry well supplied with business."

Undoubtedly there will be more need in the Asbestos Industry (which includes, of course, 85% Magnesia and High Temperature insulation) for active sales effort in

R. J. DORN COMPANY

MANUFACTURERS OF

ASBESTONE

Corrugated Asbestos-Cement Sheets

ASBESTONE JR.

Jr. Weight Corrugated Asbestos-Cement Sheets

ASBESTONE FLAT WALLBOARD

for Siding and Walls — interior and exterior

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NEW ORLEANS 15, LOUISIANA

order to maintain its usual position as there will be many supplantive materials coming on the market.

Insulation. Low Pressure. Jobbers are starting to buy for replenishing of stocks. Conditions should be normal in 1946 altho it is noticeable that a buyer's market already exists in these products. From another very reliable source the following comment is received: The year of 1946 should be quite good in the Low Pressure Insulation field, due to a pick-up in commercial and residential construction. There is already an indication of jobbers bringing their stocks up to pre-war level, which indicates that the jobbers are preparing for a pickup in this particular field. It is expected that the 1946 level of business should be on about the same level as the last few years prior to the war.

Asbestos-Cement Products. There is no let-down in this market. In fact demand is increasing in all lines. Both roofing and siding shingles are in huge demand and will undoubtedly increase in direct proportion to the increase in building activity.

With at least three large and important asbestos plants on strike,—those at Waukegan, Manville and Ambler—almost every asbestos product is affected and will be in short supply because of the loss of production at those three plants.

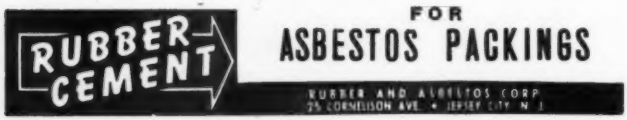
The above comments have been made by men closely in contact with the various markets. Opinions are welcomed from all readers of "ASBESTOS"

. . . —

Science couldn't open the Pullman window, so it air-conditioned the train.

. . . —

Early in 1946 we will publish an interesting article on Brake Lining by Dr. F. C. Stanley, who recently retired after forty years service as engineer with The Raybestos Division.



* * * * * * * * * * * * *

HOW SPIRAL LAG TAPE Saves Time and Money on INSULATION

8 Reasons Why

1. *It requires no sewing.*
2. *Wraps quickly and neatly.*
3. *Especially good around corners and angles.*
4. *Guide lines in fabric insure the laps being even and straight.*
5. *Saves considerable manpower.*
6. *The cement used leaves a size finish which requires only one coat of paint.*
7. *Highly economical; the 4" width costing less than 6½c a lineal yd., also in 3" and 6" widths.*
8. *Due to its unique open mesh construction, cement goes through the mesh making tape and insulation one contiguous mass when it dries.*

Spiral Lag Tape is one of the truly remarkable war-born ideas that made good. No wonder so many of the leading ship builders and insulation contractors have scrapped the slower, hand-sewn covering for this new type lagging. They're using it on extensive repair jobs as well as in new construction. They've used millions of yards of it during the last three years—all that our over-worked looms were able to produce.

If insulation or the installation of it is one of your problems, you owe it to yourself to get all the facts about Spiral Lag Tape *now*. Samples and full information will be sent gladly on request. No obligation of course.

Spiral Lag Tape

MANUFACTURED BY

FAIRHOPE FABRICS, Inc.

Industrial Fabrics Division — STEVENS STREET, FALL RIVER, MASS.

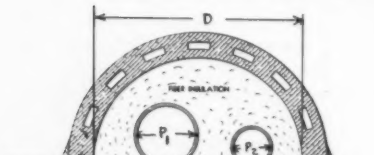
CONTRACTORS AND DISTRIBUTORS PAGE

FIGURING FIBRE INSULATION IN UNDERGROUND PIPE CONDUIT

Where fibre insulation is to be used in underground pipe conduits, as indicated in the accompanying sketch the question commonly arises, "How much insulation will we need to fill the space around the pipes?" Proceed as follows:

a—Square the tile diameter D in inches and multiply by 2;

b—Add *D* and *W* (both in inches), multiply the sum by *h* (in inches) and then by 2.6;



c—Square the diameter of each pipe (in inches), add the squares together, and multiply by 4.1;

d—Subtract *c* from the sum of *a* plus *b*. The answer is the weight of the fibre insulation per 100 feet.

For example, let us say that you want to build an underground pipe conduit in which *D* is 30 inches; *W* is 20 inches; *h* is 10 inches; the length of the conduit is to be 1230 feet; and there are to be three pipes 2", 3" and 4" in diameter respectively. How much fibre insulation will be needed?

Applying the above rules we find that a is 1800; b is 1300; and c is 119, d is therefore equal to 2981 pounds. Multiplying that by 12.3 we get approximately 36,800 pounds, or about 18.4 tons as the required amount of fibre insulation.

BUILDING

F. W. Dodge Corporation reports that contracts were awarded in November for 10,953 new dwelling units to cost $72,577,000 in the thirty-seven states east of the Rocky Mountains. This was the largest number of new units to figure in contracts awarded in a single month since December 1943, and

the largest monthly dollar volume for such construction since June 1942.

Contracts were awarded in November in the eastern states for 15,481 new construction projects of all kinds involving an expenditure of $370,087,000. Of this total $207,671,000 was for nonresidential building, principally structures to be used for manufacturing purposes. November construction advanced 17 per cent above October's total and was 124 per cent higher than in November 1944, the corporation reported.

Dollar volume of all construction contracts in the thirty-seven eastern states during the first eleven months of this year totaled $2,968,618,000 compared to $1,805,535,000 in the corresponding period of last year.

POTENTIAL BUILDING MARKET

Three factors indicating a large potential market for the building materials industry are cited in a year-end statement by Herbert Abraham, president of The Ruberoid Co.

"First", Mr. Abraham said; "is the huge backlog of deferred home repairs and modernization in consequence of war restrictions; second, the need for new homes due to increased population; and, finally, the substantial savings accumulated during the war by a large proportion of American families, many of them with the idea of home building definitely in mind.

"It should be borne in mind, however, that a potential market does not necessarily assure an actual, long-term market. There exist today several retarding factors which must be overcome before the sales situation can become really healthy.

"Among these is the current deluge of reports from various localities to the effect that the construction industry is headed for a runaway market, with the usual accompaniment of excessive prices, which, if correct, will undoubtedly be followed by a collapse in values. Nothing, in my opinion, could be worse for all business than a sudden, inflationary building boom. Moreover, past experience has shown that the building materials industry functions best for all concerned when operated on a low-profit basis, depending for success on volume rather than high prices. Fully realizing its responsibilities to the public, and also in its own self-interest, this industry should do everything in its power to maintain and strengthen this policy."

T E S T

. . . the added sales volume awaiting you among the nation's roofing and siding contractors. Write to . . .

AMERICAN ROOFER and SIDING CONTRACTOR
425 Fourth Avenue, New York City

NEWS OF THE INDUSTRY

BIRTHDAYS

Harry M. Shackelford, Vice President, Johns-Manville Corporation, New York City, January 18.

E. C. Nankervis, President, Magnesia-Asbestos Insulation Co., New York City, January 19.

G. D. Crabbs, Honorary Chairman, The Philip Carey Mfg. Company, Lockland, Cinncinnati, Ohio, January 22.

R. W. Bair, District Manager, Armstrong Cork Company, Philadelphia, Pa., January 23.

L. Diener, President, Smith & Kanzler, Elizabeth, N. J., January 23.

F. H. Neher, Vice President & Director, The Flintkote Co., New York City, January 27.

James H. Watters, President, Union Asbestos & Rubber Co., Chicago, Ill., January 30.

Lt. Col. J. G. Ross, Director Asbestos Corporation Limited, Thetford Mines, P. Q., Canada, February 1.

L. M. Simpson, Vice President, The Flintkote Co., (Pacific Coast), February 1.

Alden A. Lofquist, President, Norristown Magnesia & Asbestos Co., Norristown, Pa., February 3.

Raymond P. Townsend Vice President, Johns-Manville Corporation, New York City, N. Y., February 10.

H. A. Hirschfeld, President, Standard Asbestos Co., Inc., New York City, N. Y., February 11.

Lewis H. Brown, President, Johns-Manville Corporation, New York City, N. Y., February 13.

Robert W. Steele, President, Asbestos Corporation Limited, Thetford Mines, P. Q., Canada, February 15.

C. J. Sherer, Vice President and Treasurer, Russell Mfg. Company, Middletown, Conn., February 18.

To all these gentlemen we extend best wishes on the occasion of their birthdays.

R. J. DORN COMPANY tells us that it is putting in a third wet machine and preparing to increase its production 50% by the month of July.

QUEBEC ASBESTOS PRODUCERS' ASSOCIATION, at its meeting held on Monday, November 26, 1945, took final action to remove the old type wood-frame Quebec Testing Machine from the list of accepted standards. Only the new type all-metal machine (known as Model No. 2) is now recognized as the Quebec Standard Testing Machine.

• BLUE ASBESTOS

The Cape Asbestos Company, Ltd., is the world's largest supplier of acid-resistant blue crocidolite asbestos, and the only manufacturer operating its own mines. Inquiries solicited on:

MILLBOARD **YARNS**
ROVINGS **POWDER** **CLOTHS**
PROCESSED FIBRES
Unexcelled for use in
ASBESTOS CEMENT PIPES

• AMOSITE ASBESTOS

This fibre owing to its great length and bulk is unrivalled for use as an insulating medium in:

Asbestos mattress filler
85% Magnesia Insulation

The CAPE ASBESTOS CO. Limited

Morley House, 28-30 Holborn Viaduct, London, E.C.1.
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United States Sales Agent:

ARNOLD W. KOEHLER

415 LEXINGTON AVE. **NEW YORK CITY**
TELEPHONE—VANDERBILT 6-1477

L. R. HOFF RETIRES

L. R. Hoff, vice president of Johns-Manville Corporation in charge of sales, retired on January 1, 1946, after 45 years of service. For the past 35 years he has headed the company's sales activities.

Mr. Hoff began his career in the Asbestos Industry on May 1, 1900, as a $15-a-week stenographer with the H. W. Johns Mfg. Company, a predecessor of Johns-Manville.

L. R. Hoff, who retired from Johns-Manville on January 1st, was influential in building the departmentalized sales organization of J-M commodities, which has operated so successfully.

Mr. Hoff worked his way steadily upward in the organization, becoming in succession manager of the company's roofing department, then manager of the Asbestos & Magnesia Department and from 1910 to 1913 manager of the New York branch of the company. He was general sales manager from 1913 to 1921; vice president and general manager from 1921 to 1926, and in 1926 was elected President of Johns-Manville *Sales* Corporation.

Under the sales leadership of L. R. Hoff, the company's products went up to 2,000 items, and the volume of business grew from a total sales figure of $45,195,000 in 1926 to a peak of $62,000,000 in 1929.

In recent years Mr. Hoff has been active in trade associations. He is a past president of the Asphalt Shingle and Roofing Institute, and of the Asbestos Cement Products Association, and in fact is widely known thruout the Asbestos Industry.

Mr. Hoff plans to establish himself as an independent consultant, and will service Johns-Manville as a consultant on trade association matters. Mr. Hoff lives at 30 Lyncroft Terrace, New Rochelle, N. Y.

"ASBESTOS" considers Mr. Hoff as one of its best friends, always ready to assist or advise. His many friends in the Asbestos Industry will be glad to know that he will not be entirely dissociated from it.

. . . —

ROCKBESTOS PRODUCTS CORPORATION. Richard G. Newton, recently discharged after more than three years active service with the U. S. Coast Guard, has returned to the Corporation, resuming his former duties as Sales Representative in the New England territory, working out of the main office in New Haven, Conn.

H. GORDON SMITH--V. P. of U. S. Rubber Co.

H. Gordon Smith, general manager of the Textile division of the United States Rubber Company, has recently been elected a Vice President of the Company.

Mr. Smith will retain his title of general manager and continue his division managerial duties.

CLARENCE M. ALLEN--
Manager Carey St. Louis Branch

Clarence M. Allen has recently been appointed Branch Manager of the St. Louis Office of the Philip Carey Mfg. Company.

Mr. Allen was formerly Assistant Branch Manager at Cleveland. He has been associated with the Carey organization for the past 23 years, and is therefore thoroly familiar with operation in the building materials field. He went to Carey's Pittsburgh office in 1922, following his graduation from Pennsylvania State College where he majored in business administration. He served the company in various sales capacities in the Pittsburg area prior to going to Cleveland in 1942.

J. J. SMILEY, JR. -- Asst. Advertising Manager, Carey

J. J. Smiley, Jr., has recently been appointed Assistant Advertising Manager of the Philip Carey Mfg. Company.

Capt. Smiley, (a Captain in the Reserves) joined the Carey organization, August 1st of this year when he returned to inactive status after serving three and a half years with the Quartermaster Corps of the Army. He served in the E. T. O. for 19 months and was awarded the Bronze Star medal prior to his return to the United States.

Capt. Smiley was actively engaged in the building materials field before entering the Army, first as a sales representative and later as the owner of his own building material and coal company in Frankfort, Mich. He was graduated from the University of Illinois at Urbana in 1929, receiving an A. B. degree in General Business.

JOHNS-MANVILLE PROMOTIONS

L. M. Cassidy and T. K. Mial Elected Vice Presidents

L. M. Cassidy and T. K. Mial were elected vice presidents of Johns-Manville Corporation on December 19, 1945 by the company's Board of Directors.

Mr. Cassidy, who has been vice president of the Johns-Manville *Sales* Corporation since 1940, joins the parent corporation as vice president for sales and will direct all of the company's sales activities.

Mr. Mial has been vice president of Johns-Manville *Sales* Corporation since 1931. In his new capacity he will undertake a new long - range development program for the company, reporting to the president, Lewis H. Brown.

L. M. Cassidy

T. K. Mial

The appointments became effective January 1, following the retirement of L. R. Hoff, vice president of Johns-Manville Corporation in charge of sales.

Mr. Cassidy joined Johns-Manville as an architectural representative in 1926, following his graduation from the Wharton School of Finance and Commerce of the University of Pennsylvania. By 1936 he was a general merchandise manager, and in 1940 was made vice president of the J-M Sales Corporation and general manager of its building materials department.

Mr. Mial entered the company as a salesman at Pittsburgh, Pa., in 1917. He is a graduate of North Carolina State College. In 1922 he became manager of Johns-Manville's Pittsburgh Branch. Later he became a division manager in Cleveland, and in 1929 was transferred to New York as manager of the company's eastern division. In 1931 he was made vice president of Johns-Manville Sales Corporation and since 1932 has been general manager of the company's power products and industrial department.

CHARLES T. BUTTS DIES SUDDENLY

Charles T. Butts, manager of the insulation department and a Vice President of Warren & Bailey Company, Los Angeles, died of a heart attack on November 23rd, at his home in that city.

Mr. Butts was 59 years of age. He was a past president of the Pacific Coast Asbestos Association. In his connection with Warren & Bailey Company he represented the Philip Carey Mfg. Co. and Cork Import Company, was active in Southern California insulation work and had charge of some of the largest applied insulation contracts.

Mr. Butts was a native of Montrose, Colo. He came to Los Angeles in 1907 and began his career with the Warren & Bailey Company which he served for the rest of his life. His untimely passing is a loss to the whole insulation industry.

MANHATTAN WINS NATIONAL VICTORY GARDEN PRIZE

For the third consecutive year, the highest award in the National Victory Garden Institute competition was given to The Manhattan Rubber Mfg. Division of Raybestos-Manhattan, Inc., Passaic, N. J. "in recognition of its distinguished record in the encouraging of Victory Gardens and more food preservation." Four hundred gardens were worked by Manhattan's employees on the ten and a half acre project, which is considered one of the company's most popular employee relations activities; many more home gardens were worked by the employees and encouraged by the Company.

. . . —

BRANDON CORPORATION of Greenville, S. C., on November 1st, acquired controlling interest in the Fitchburg Duck Mills, Fitchburg, Mass. Each of the companies will continue to manufacture their brands of cotton and asbestos dryer felts. The Morey Paper Mill Supply Company of Fitchburg, has relinquished active management of the Fitchburg Duck Mills and will devote its entire time to the sales and distribution of all the dryer felts manufactured by both the northern and southern plants.

Just before the war the franchise for English Hindle looms in this country was purchased by Brandon Corporation for the manufacture of high grade asbestos felts but production of these felts was discontinued during the war because of the scarcity of asbestos. The Corporation is now in position to resume their manufacture; the felts were introduced into this country under the trade name of Scapa-Hall Asbestos Felts.

PATENTS

This information obtained from the Official Patent Gazette, published weekly by the U. S. Patent Office, Washington, D. C.

Copies of patents can be obtained by sending 10c (in coin) to

The Commissioner of Patents, Washington, D. C., giving the patent number, date issued, name of patentee and name of invention.

High Temperature Insulating Shape. No. 2,388,487. Granted on November 6, 1945, to Henry A. Kieselbach, Montclair, and Earl R. Williams, North Plainfield, N. J., assignors to Johns-Manville Corp. New York. Application December 15, 1942. Serial No. 469,122.

A method of manufacturing a heat insulation block adapted for use at elevated temperatures, comprising, forming an aqueous slurry of 4½-7½% solids concentration consisting of 35-78% dry weight of finely divided diatomaceous silica, 10-50% finely divided normal magnesium carbonate and minor proportions of bentonite and asbestos fibres, introducing a charge of the slurry under pressure into a filtering mold, partially dewatering and shaping the charge while completing the charging operation and curing the block while confined within the mold by circulating an aqueous heating fluid under low pressure in direct contact with the mold walls and mold charge to convert the normal magnesium carbonate to basic magnesium carbonate.

Thermal Insulation. No. 2,389,460. Granted on November 20, 1945, to Harry H. Rinehart, Plainfield, N. J., assignor to Johns-Manville Corporation, New York City. Application March 5, 1943. Serial No. 478,155.

A plastic fibre binder composition consisting essentially of a mass of reinforcing fibres including long and harsh mineral wool fibres and polyvinyl resin binder enveloping said fibres and bonding them together with sufficient cohesion to retain substantially any form imparted thereto, said composition including a vaporizable solvent adapted to form with the binder a colloidal adhesive gel and having a non-vaporizable binder content approximately 25%-40% of the dry weight of the fibres and said binder comprising approximately one part polyvinyl resin and 1-½-2 parts flameproof plasticizer. (Note: Sketch shows that this contains asbestos fibres as well as mineral wool fibres).

Building Structure. No. 2,389,573. Granted on November 20, 1945 to Bruno E. Balduf, Chicago, Ill., assignor to United States Gypsum Co., Chicago, a corporation of Illinois. Application October 27, 1941. Serial No. 416,641. Description upon request.

Composite Siding and Roofing. No. 2,390,045. Granted on December 4, 1945 to Floyd W. Adams, Huntington Park, Calif., assignor to Celotex Corporation, Chicago, Ill. Original application August 25, 1938. Serial No. 226,695. Now Patent No. 2,251,622, dated August 5, 1941. Divided and this application March 21, 1941. Serial No. 384,608.

The method of manufacturing a composite siding and roofing unit comprising the steps forming a body blank with a rounded butt, forming an unset felted asbestos-cement sheet, applying the unset asbestos-cement sheet to a face of the body

blank while the body blank is supported in a substantially horizontal position and a portion of said sheet extending outwardly beyond the butt edge of the blank, moving the assemblage toward a vertical position, the position of the assemblage being otherwise maintained with the unset asbestos-cement sheet uppermost, whereby under the action of gravity the projection of such sheet tends to wrap around the rounded butt, the step of pressing the sheet firmly into contact with the surface of the body blank around the butt thereof and with a portion of the body blank adjacent the butt edge thereby causing the felted asbestos-cement sheet to be affixed to the body blank and finally causing the asbestos-cement sheet to set.

Process for Manufacture of Magnesium Products. No. 2,390,095. Granted on December 4, 1945 to Gunter H. Gloss, Redwood City, Calif., assignor to Marine Magnesium Products Corporation, South San Francisco, Calif. Application September 8, 1942. Serial No. 457,643.

In a process for the manufacture of magnesium compounds wherein neutral magnesium carbonate is precipitated from a magnesium bi-carbonate solution, the steps of continually supplying the solution to a retained quantity of the same continually introducing a relatively inert gas into the solution to aerate the same, the rate of introduction of the gas being sufficient to cause removal of carbon dioxide from the solution with precipitation of neutral magnesium carbonate without causing violent agitation, continually removing a suspension of solid phase neutral magnesium carbonate of a desired average particle size from the quantity of solution undergoing treatment and continually re-introducing solid phase neutral magnesium carbonate back into the solution undergoing treatment in substantial amounts sufficient to produce neutral magnesium carbonate of desired average particle size and in an amount substantially greater than the amount of neutral magnesium carbonate freshly precipitated in the presence of the reinforced neutral magnesium carbonate, said last named step serving to cause formation of relatively large size particles of precipitated neutral magnesium carbonate and also causing a saving in the amount of inert gas required.

Molded Composition Friction Bodies. No. 2,390,266. Granted on December 4, 1945 to Emil E. Novotny, Prospectville, Pa., assignor to Durite Plastics, Inc., Philadelphia, Pa. Original application July 2, 1943, Serial No. 493,192. Divided and this application August 21, 1943. Serial No. 499,469.

A method of making molded composition friction or tractive surface bodies, which consists in mixing asbestos fibres with a thermo-setting resin, in delivering the mix under a relatively low pressure into a heating chamber of large area and volume, and which area and volume increase in the direction of flow of the mix material, in flowing said mix thru said chamber under said relatively low pressure and into a mold space, heating said mix while in transit in said chamber, the heating of the

mix in said chamber functioning to form therein a homogeneous fibre-resin impregnated friction body brought to a moldable condition and flowing said mix from said chamber at substantially its region of greatest area and volume into said mold space, said region of the chamber of greatest area and volume being in direct communciation with the mold space whereby the mix flows from said region directly in the mold space.

Roofing or Surfacing Material. No. 2,390,697. Granted on December 11, 1945, to Sidney Lanier Eason, Charleston, S. C. Application July 4, 1942. Serial No. 449,747.

In building construction on the inner course of building material, an intermediate course of backing material nailed thereto and an exposed course of surfacing sheets disposed in joint forming relation to each other, the outer face of the backing course and the inner face of said surfacing course carrying solidified coatings of adhesive substance which have cohesive affinity for each other but will not adhere to any surface not similarly treated so that when said surfacing course is pressed against said backing course it will be interiorly adhered thereto by said mutual contacting treatments.

BOOK LIST

Asbestos Mining Methods. By C. V. Smith. (Reprint) 16 pages. 25c per copy, discount in quantities of 50 or more.

Milling Asbestos. By J. C. Kelleher. (Reprint now available) 16 pages. Companion article to Asbestos Mining Methods. Both should be in every Asbestos Library, 25c per copy, discount in quantities of 50 or more.

The Asbestos Factbook. 16 pages. Information in compact form on origin, facts, locations, uses, analyses, qualities, 10c per copy.

Canadian Chrysotile Asbestos Classification. (Reprint) 25c per copy.

Twelve Estimating Tables, with Chart. Convenient in figuring flange fittings and other areas. $1.00 per set.

Manual of Unit Prices (for figuring pipe covering and blocks) 30c per copy postpaid.

Processing Asbestos Fibres. 8 pages. (Reprint) 25c per copy

Tests for Cotton Content. 4 pages. (Reprint) Describing several methods of testing asbestos textiles for cotton content. 10c per copy.

Chart—Dollars Cost of Uninsulated Pipe. (Reprint) 20c each

Asbestos: The Magic Mineral, by Lilian Holmes Strack. Written especially for school children but every Asbestos Library should have a copy. $1.00 per copy.

Order any of the above from "ASBESTOS", 17th Fl., Inquirer Bldg., Philadelphia, 30, Pa.

FOR SALE

12,600 pounds asbestos cloth (Southern make) 3900 pounds (Raybestos) in 200 lb. rolls. Further details upon request. D. F. Haverstick Dept., 120 Liberty St., New York 6.

Canada.

The Dominion Bureau of Statistics at Ottawa, has issued their "Preliminary Estimate of Canada's Mineral Production for the year 1945," the estimated figure for asbestos production being 460,051 short tons, valued at $21,405,391. Actual production in 1944 was 419,265, valued at $20,619,516.

Rhodesia.

(From Rhodesia Chamber of Mines)

September 1945	4,784.05 short tons
Value	£149,545

Note: June figures were published in October 1945 "ASBESTOS"; figures for July and August have not been received.

Brazil.

(From U. S. Mineral Trade Notes—report from Consul Jay Walker, Bello Horizonte)

Asbestos in Minas Gerais, Brazil has resulted from alteration of amphibole rocks. The best known deposits in the State are in the districts of Lima Durate, Sao Domingos do Prata, Uba, Jacui, Baependi, and Pomba. The increasing importance of this fibrous mineral in the State is shown by production figures for 1936 to 1943, as follows:

1936	190,000 Kilograms	(209 short tons)
1937	105,200 Kilograms	(116 short tons)
1938	314,280 Kilograms	(346 short tons)
1939	609,610 Kilograms	(672 short tons)
1940	141,500 Kilograms	(155 short tons)
1941	130,731 Kilograms	(144 short tons)
1942	184,556 Kilograms	(203 short tons)
1943	966,000 Kilograms	(1,065 short tons)

POSITION WANTED

As estimator and salesman of commercial and industrial insulation, well qualified and experienced. Address Box 1L-1, "ASBESTOS", 17th Fl., Inquirer Bldg., Phila., 30, Pa.

WANTED—TO PURCHASE

Asbestos Pipe Covering Winder and Asbestos Corrugating Machine required. New or used. State price, capacity, condition. Address Box 11-A-M, "ASBESTOS", 17th Fl., Inquirer Bldg., Phila., 30, Pa.

OFFERED

A fine job for a sales-representative in eastern N. Y., met N. Y., N. J. and eastern Pa. The line: Industrial mechanical packings and gaskets. Tell us why you are our man. Box No. 1R-P, "ASBESTOS", 17th Floor, Inquirer Bldg., Philadelphia, 30, Pa.

THIS and THAT

An "atomic" house, designed to resist the effects of an atom bomb, has walls of concrete, and an intense-heat-resisting material used for blast furnaces; the lining to be of asbestos and lead with rounded surfaces to lessen air pressure, also sunken driveway and garage. Shown in NEWSWEEK, December 24th issue.

. . . —

WHAT GOOD IS A WAR RECORD NOW? is the title of a 24-page booklet recently published by he Raybestos Division at Bridgeport, Conn. An 11 x 14 four-color presentation, the book tells of the Raybestos war manufacturing records and of the projection and the use of research, engineering production skill towards developing new products and processes to keep Raybestos the leader in the brake lining industry. Copies are obtainable on request from the Merchandising Department, The Raybestos Division, P. O. Box 1021, Brideport, Conn.

. . . —

The rubber industry is expected to produce goods in 1946 with a value of $1,500,000,000 an increase of 66% over the corresponding figure of $900,000,000 in 1939, the last wholly peacetime production year, according to Herbert E. Smith, President of the United States Rubber Company. Major part of this record production will be accounted for by tires. Operating at capacity the industry is expected to produce more than 80,000,000 units, of which 66,000,000 will be passenger car tires. Previous largest passenger car tire output was 50,000,000 in 1941.

. . . —

What is prophesied to be the largest home building exposition that has ever been presented in America will be held at the Stevens Hotel, Chicago, February 25 to 28, sponsored by the National Association of Home Builders. The Philip Carey Mfg. Company, Celotex Corporation, The Flintkote Company, Johns-Manville Corporation and The United States Gypsum Company will be among the exhibitors.

AFTERTHOUGHTS

¶ Several of the larger asbestos firms are having trouble with strikes which have closed a number of plants. We trust they may speedily satisfactorily settle the differences so that production of asbestos products much needed for peacetime activities can be resumed and postwar plans continued without delay.

¶ One of our aims in 1946 is to print more technical articles than we have in the past year or so. Laboratory men should remember this and send articles (for which we pay) from time to time.

¶ We hope to resume in 1946 the Little Lessons in Selling. Now that salesmen are again on their regular line of work, the brief articles on selling should be of interest and, we hope, helpful.

¶ As mentioned in our Book List (page 40), the reprints of the article "Milling Asbestos" by J. C. Kelleher, are now available. Every asbestos man should have this reprint in his asbestos library. See that all your sales representatives and office heads have a copy along with the previous, companion, article "Asbestos Mining Methods".

¶ Every reader of this month's "ASBESTOS" will find the Greeting letters, beginning on page 3, most interesting. Some, especially that of Mr. Simpson, President of Raybestos-Manhattan, Inc., on page 4, should prove a real insipration in these troublous times. Even if you have read it, read it again!

¶ There's important news in our News Section this month. See that we receive news items from your company regularly and, above all, promptly—when they are ***really news.***

Thought for the New Year:

The greater the obstacle, the more glory in overcoming it.—Moliere.

CURRENT RANGE OF PRICE

As of January 10, 1945

Canadian—	Per Ton (2000 lbs.) f.o.b. Mine (In U. S. Funds)
Group No. 1 (Crude No. 1)	$650.00 to $750.00
Group No. 2 (Crude No. 2; Crude Run-of-Mine and Sundry)	165.00 to 385.00
Group No. 3 (Spinning or Textile Fibre)	124.00 to 260.00
Group No. 4 (Shingle Fibre)	62.50 to 90.00
Group No. 5 (Paper Fibre)	44.00 to 53.00
Group No. 6 (Waste, Stucco or Plaster)	33.00 to 35.00
Group No. 7 (Refuse or Shorts)	14.50 to 30.00

	Per Ton (2000 lbs.) f.o.b. Mine (In U. S. Funds)
Shingle Stock Fibres	$62.50 to $65.50
Paper Stock Fibres	44.00 to 54.00
Waste	33.00
Shorts	14.50 to 28.50
Floats	19.50

Note: Crude Run-of-Mine (Canadian) refers to a crude asbestos produced not conform to the regular standards of No. 1 Crude or No. 2 Crude. Crude. Crude Sundry refers to certain odd lots of off grade material which de in certain mines where Crude Fibre is not graded into regular No. 1 and 2

ASBESTOS STOCK QUOTATIONS

(These figures are compiled from the Commercial and Fiancial Chronicle. No guarantee made as to their correctness).

		December 1945		
	Par	Low	High	Last
Armstrong Cork Co. (Com.)	np	53	55¾	54¾
Armstrong Cork Co. (Pfd.)	np	106	108¾	107¾
Asbestos Corp. (Com.)	np	29¾	32½	32
Asbestos Mfg. Co. (Com.)	1	5¼	6½	5½
Celotex (Com.)	np	20⅝	25¼	23¼
Celotex (Pfd.)	20	20¼	21¼	20¾
Certainteed (Com.)	1	14⅝	16⅞	15
Certainteed (Pfd.)	100	107½	112¾	112¾
Flintkote (Com.)	np	35⅜	38¾	36
Flintkote (Pfd.)	np	110	111	111
Johns-Manville (Com.)	np	137	144⅞	143
Johns-Manville (Pfd.)	100	130	138	138
Raybestos-Manhattan (Com.)	np	39	43¾	41
Ruberoid (Com.)	np	43	47½	44
Thermoid (Com.)	1	14¼	15⅝	14½
Thermoid (Pfd.)	50	57	65	63
U. S. Gypsum (Com.)	20	104½	115½	114
U. S. Gypsum (Pfd.)	100	190	203	203
U. S. Rubber (Com.)	10	66½	69⅞	67¼
U. S. Rubber (Pfd.)	100	168⅜	175	173

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